

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2452	347/29,30,9,12,15.ccls.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2005/03/11 14:50
S2	192	S1 and preliminary near ejection	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2005/03/15 07:10
S3	601	"1" and nozzles near4 ((large or small) adj3 volume)	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2005/03/15 07:18
S4	601	nozzles near4 ((large or small) adj3 volume)	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2005/03/15 07:18
S5	47	S4 and 347/29,30,9,12,15.ccls.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2005/03/15 07:19
S6	44	S5 and (plurality or multiple) near3 nozzle	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2005/03/15 07:45
S7	9	S6 and prelimi\$ adj ejection	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2005/03/15 07:20
S8	892	preliminary adj ejection	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2005/03/15 07:45
S9	4390591	S8 and (ejection adj volume) near\$2 (large or small)	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2005/03/15 07:47
S10	28953	S9 and "347"/\$.ccls.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2005/03/15 07:54
S11	26	S10 and (print adj head) near4 (nozzle adj column)	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2005/03/15 07:59
S12	2	S10 and (stray adj mist)	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2005/03/15 08:03

S13	0	("2004/0056921").URPN.	USPAT	OR	ON	2005/03/15 08:02
S14	36677	"347"/\$.ccls.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2005/03/15 08:03
S15	1235	S14 and nozzles near3 (similar or simultaneous\$)	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2005/03/15 08:06
S16	9	S15 and (ink adj ejectio\$ adj volume)	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2005/03/15 08:26
S17	914	prelimin\$ adj2 ejection	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2005/03/15 08:27
S18	92	S17 and (common adj ink)near2 chamber	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2005/03/15 08:41
S19	0	("6669335").URPN.	USPAT	OR	ON	2005/03/15 08:35
S20	13	("4313124" "4345262" "4459600" "4463359" "4558333" "4614953" "4723129" "4740796" "5371529" "5646656" "5764252" "6052195" "6416157").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/15 08:36
S21	3	large adj ink adj ejection adj volume	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2005/03/15 08:43
S22	1107	number adj2 ejections	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2005/03/15 08:43
S23	724	S22 and nozzles	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2005/03/15 08:43
S24	76	S23 and (large or small) near2 volume	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2005/03/15 08:46
S25	2454	347/29,30,9,12,15.ccls.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2005/03/15 08:54

S26	893	prelimin\$ adj ejection	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2005/03/15 08:55
S27	190	S25 and S26	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2005/03/15 09:04
S28	309171	nozzle and (kind or type)	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2005/03/15 09:05
S29	138	S27 and S28	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2005/03/15 09:24
S30	19771	print adj head	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2005/03/15 09:24
S32	8482	S30 and "347"/\$.ccls.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2005/03/15 09:26
S33	124	S32 and nozzle adj column	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2005/03/15 09:56

S34	49	(US-6402280-\$ or US-6588878-\$ or US-6092887-\$ or US-6601937-\$ or US-6428144-\$ or US-6755510-\$ or US-4746935-\$ or US-6065822-\$ or US-6059395-\$ or US-5896147-\$ or US-6705702-\$ or US-6568792-\$ or US-6454393-\$ or US-6042219-\$ or US-6340224-\$ or US-6508538-\$ or US-5929879-\$ or US-6592203-\$ or US-6547352-\$ or US-5892524-\$ or US-6062680-\$ or US-6406115-\$ or US-5175567-\$ or US-6789877-\$ or US-5208605-\$ or US-6705699-\$). did. or (US-6305775-\$ or US-5745131-\$ or US-6149260-\$ or US-6561632-\$ or US-6705700-\$ or US-6513896-\$ or US-5745129-\$ or US-6030065-\$ or US-6328405-\$ or US-5121143-\$ or US-6312099-\$ or US-5550568-\$ or US-6412920-\$ or US-6527369-\$ or US-5412410-\$ or US-6137502-\$ or US-6481819-\$ or US-6142607-\$ or US-5975681-\$ or US-6409318-\$ or US-6457796-\$ or US-5963230-\$ or US-6328399-\$). did.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2005/03/15 10:15
S35	96533	(nozzles or opening) same (size or kind or type) same (droplet or drop)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 11:46
S36	151	S35 and 347/23.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 11:03
S37	1	S36 and (different near volume)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 10:18
S38	0	S36 and (eject near first)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 10:18

S39	27	S36 and (different with ejection)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 11:07
S40	0	S36 and ejection same(different with volume)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 11:08
S41	5	S36 and (different with volume)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 11:08
S42	1013	S35 and 347/23,29,30,9,12,15.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 11:32
S43	30	S42 and (different with ejection) same volume	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 11:41
S44	1	S42 and (large or small) near (ink adj eject\$4 adj volume)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 11:42
S45	6521	S35 and "347"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 11:46
S46	5	S45 and (large or small) near (ink adj eject\$4 adj volume)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 13:09

S47	1	S46 and preliminary adj ejection	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 11:47
S48	102	(US-6402280-\$ or US-6588878-\$ or US-6092887-\$ or US-6601937-\$ or US-6428144-\$ or US-6755510-\$ or US-4746935-\$ or US-6065822-\$ or US-6059395-\$ or US-5896147-\$ or US-6705702-\$ or US-6568792-\$ or US-6454393-\$ or US-6042219-\$ or US-6340224-\$ or US-6508538-\$ or US-5929879-\$ or US-6592203-\$ or US-6547352-\$ or US-5892524-\$ or US-6062680-\$ or US-6406115-\$ or US-5175567-\$ or US-6789877-\$ or US-5208605-\$ or US-6705699-\$). did. or (US-6305775-\$ or US-5745131-\$ or US-6149260-\$ or US-6561632-\$ or US-6705700-\$ or US-6513896-\$ or US-5745129-\$ or US-6030065-\$ or US-6328405-\$ or US-5121143-\$ or US-6312099-\$ or US-5550568-\$ or US-6412920-\$ or US-6527369-\$ or US-5412410-\$ or US-6137502-\$ or US-6481819-\$ or US-6142607-\$ or US-5975681-\$ or US-6409318-\$ or US-6457796-\$ or US-5963230-\$ or US-6328399-\$). did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 13:21
S49	2	("5208605").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/15 13:45
S50	690	347/10,11.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 13:45
S51	112	(large adj2 ejection) and (small adj2 ejection)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 13:46

S52	14374	drive near frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 13:48
S53	2	("5610637").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/15 14:33
S54	102	(US-6402280-\$ or US-6588878-\$ or US-6092887-\$ or US-6601937-\$ or US-6428144-\$ or US-6755510-\$ or US-4746935-\$ or US-6065822-\$ or US-6059395-\$ or US-5896147-\$ or US-6705702-\$ or US-6568792-\$ or US-6454393-\$ or US-6042219-\$ or US-6340224-\$ or US-6508538-\$ or US-5929879-\$ or US-6592203-\$ or US-6547352-\$ or US-5892524-\$ or US-6062680-\$ or US-6406115-\$ or US-5175567-\$ or US-6789877-\$ or US-5208605-\$ or US-6705699-\$). did. or (US-6305775-\$ or US-5745131-\$ or US-6149260-\$ or US-6561632-\$ or US-6705700-\$ or US-6513896-\$ or US-5745129-\$ or US-6030065-\$ or US-6328405-\$ or US-5121143-\$ or US-6312099-\$ or US-5550568-\$ or US-6412920-\$ or US-6527369-\$ or US-5412410-\$ or US-6137502-\$ or US-6481819-\$ or US-6142607-\$ or US-5975681-\$ or US-6409318-\$ or US-6457796-\$ or US-5963230-\$ or US-6328399-\$). did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 15:46
S55	2	S54 and preliminary adj ejection	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 15:47
S56	165	347/23,30,9,12,20.ccls. and preliminary adj ejection	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 15:49

S57	3	S56 and (multiple near ink near color)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 15:49
S58	509	347/10,11.ccls.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2005/03/16 07:24
S59	0	(prelimin\$ adj ejection) and (suction adj3 means) and nozzles	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2005/03/16 07:25
S60	458	(prelimin\$ adj ejection) and suction and nozzles	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2005/03/16 07:26
S61	6	S58 and S60	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2005/03/16 07:26
S62	486	"347"/\$.ccls. and (drive adj frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:10
S63	361	S62 and nozzles	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:10
S64	28	S63 and (large or small) near volume	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:12
S65	385	347/10,11.ccls. and frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:13
S66	54	S65 and (small or large) same (ink adj4 volume)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:15

S67	0	S66 and (frequency near lower) same (large or small)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:16
S68	1	S66 and (frequency near lower)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:59
S69	2	("5596352").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/16 09:27
S70	102	(US-6402280-\$ or US-6588878-\$ or US-6092887-\$ or US-6601937-\$ or US-6428144-\$ or US-6755510-\$ or US-4746935-\$ or US-6065822-\$ or US-6059395-\$ or US-5896147-\$ or US-6705702-\$ or US-6568792-\$ or US-6454393-\$ or US-6042219-\$ or US-6340224-\$ or US-6508538-\$ or US-5929879-\$ or US-6592203-\$ or US-6547352-\$ or US-5892524-\$ or US-6062680-\$ or US-6406115-\$ or US-5175567-\$ or US-6789877-\$ or US-5208605-\$ or US-6705699-\$). did. or (US-6305775-\$ or US-5745131-\$ or US-6149260-\$ or US-6561632-\$ or US-6705700-\$ or US-6513896-\$ or US-5745129-\$ or US-6030065-\$ or US-6328405-\$ or US-5121143-\$ or US-6312099-\$ or US-5550568-\$ or US-6412920-\$ or US-6527369-\$ or US-5412410-\$ or US-6137502-\$ or US-6481819-\$ or US-6142607-\$ or US-5975681-\$ or US-6409318-\$ or US-6457796-\$ or US-5963230-\$ or US-6328399-\$). did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 09:27
S71	918	(prelimin\$ adj ejection) and (cap\$4 or suction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 09:34

S72	2	S70 and S71	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 09:28
S73	537	(preliminary adj ejection) and (cap or suction) and nozzles	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 09:34
S74	1	S70 and S73	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 09:40
S75	2	("6328399").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/16 09:56
S76	2	((("6328399") or ("preliminary adj ejection) and (cap or suction) and (nozzle near columns) and nozzles")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/16 09:59
S77	2	((("6328399") or ("preliminary adj ejection) and (cap or suction) and (nozzle near columns) and nozzles") or ("preliminary adj ejection) and (cap or suction) and (nozzle near columns))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/16 10:00
S78	26	(preliminary adj ejection) and (cap or suction) and (nozzle near columns)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 10:02

S79	102	(US-6402280-\$ or US-6588878-\$ or US-6092887-\$ or US-6601937-\$ or US-6428144-\$ or US-6755510-\$ or US-4746935-\$ or US-6065822-\$ or US-6059395-\$ or US-5896147-\$ or US-6705702-\$ or US-6568792-\$ or US-6454393-\$ or US-6042219-\$ or US-6340224-\$ or US-6508538-\$ or US-5929879-\$ or US-6592203-\$ or US-6547352-\$ or US-5892524-\$ or US-6062680-\$ or US-6406115-\$ or US-5175567-\$ or US-6789877-\$ or US-5208605-\$ or US-6705699-\$). did. or (US-6305775-\$ or US-5745131-\$ or US-6149260-\$ or US-6561632-\$ or US-6705700-\$ or US-6513896-\$ or US-5745129-\$ or US-6030065-\$ or US-6328405-\$ or US-5121143-\$ or US-6312099-\$ or US-5550568-\$ or US-6412920-\$ or US-6527369-\$ or US-5412410-\$ or US-6137502-\$ or US-6481819-\$ or US-6142607-\$ or US-5975681-\$ or US-6409318-\$ or US-6457796-\$ or US-5963230-\$ or US-6328399-\$). did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 10:02
S80	690	347/10,11.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 10:02
S81	1	S79 and S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 10:07
S82	3903	347/29,30,9,12,15,23.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 10:07
S83	9	S82 and (preliminary adj ejection) and (nozzle adj columns)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 10:45

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	667	347/30.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/24 08:58
S2	3965	((preliminary or pre or idle) adj discharge) or (pre adj(firing or printing))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/24 09:21
S3	45	S1 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/24 09:15
S4	4392	(small or large) adj nozzle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/24 09:15
S5	0	S3 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/24 09:15
S6	21	S2 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/24 09:15
S7	6810	((preliminary or pre or idle) adj discharge) or (pre adj(firing or printing)) or spitting	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/24 09:28
S8	238	S4 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/24 09:22

S9	4	S8 and S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/24 09:22
S10	113853	((preliminary or pre or idle) adj discharge) or (pre adj(firing or printing)) or spitting or (purge or purging)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/24 10:49
S11	393	S10 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/24 09:28
S12	6	S11 and S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/24 09:50
S13	304	347/35.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/24 09:50
S14	22	S11 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/25 06:35
S15	113853	((preliminary or pre or idle) adj discharge) or (pre adj(firing or printing)) or (spitting) or (purge or purging)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/24 10:49
S16	758	347/29.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/24 11:13

S17	44	S16 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/24 11:46
S18	781	347/33.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/24 11:47
S19	87	S18 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/24 11:47
S20	2	("5412410").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/25 11:16
S21	304	347/35.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/25 13:46
S22	24	preliminary adj ejection and nozzle adj column	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/25 13:47

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	301	347/35.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 08:35
S2	40405	((large small) with (drop liquid fluid)) with (fir\$3 actuat\$3 puls\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 08:43
S3	27	S1 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 08:37
S4	273	((large small) with ((drop with volume))) with (fir\$3 actuat\$3 puls\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 08:38
S5	2	S1 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 08:38
S6	2683	((large small) same ((drop with volume))) same (fir\$3 actuat\$3 puls\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 08:38
S7	7	S1 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 08:39
S8	35700	((large small) with (drop liquid fluid) with volume)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 08:41

S9	13	S1 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 08:39
S10	663855	((large small) with (drop liquid fluid volume))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 08:42
S11	61110	(clean\$3 maintenance) with number	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 08:45
S12	12	S10 and S11 and S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 08:42
S13	5393	((large small) with (drop liquid fluid volume)) same (number with (fir\$3 actuat\$3 puls\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 14:58
S14	0	S1 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 08:44
S15	60987	"347"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 08:44
S16	189	S13 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 08:45

S17	1828905	(clean\$3 maintenance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 08:45
S18	86	S16 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 10:39
S19	2	("5412410").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/28 10:39
S20	26214	((large small) with (drop liquid fluid volume)) same (freque\$3 kHz)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 14:59
S21	60987	"347"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 14:59
S22	801	S20 and S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 14:59
S23	301	347/35.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 14:59
S24	5	S20 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 14:59